SEQUENCE LISTING

<110> Lim, Wendell
  Dueber, John
  Yeh, Brian

<120> Protein Logic Gates

<130> SF03-114

<160> 22

<170> PatentIn version 3.2

<210> 1
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 1

Tyr Glu Glu Ile
1

<210> 2
<211> 16
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 2

Lys Lys His Thr Asp Asp Gly Tyr Met Pro Met Ser Pro Gly Val Ala
1   5   10   15

<210> 3
<211> 13
<212> PRT
<213> Artificial

<220>
<223> consensus sequence .

<400> 3

Thr Ser Thr Glu Pro Gln Tyr Gln Pro Gly Glu Asn Leu
1   5   10

<210> 4
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa can be any naturally occurring amino acid

<400> 4

Asn Pro Xaa Tyr
1

<210> 5
<211> 6
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 5

Ile Ile Asn Pro Gln Tyr
1   5

<210> 6
<211> 9
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 6

Leu Tyr Ala Ser Ser Asn Pro Glu Tyr
1   5

<210> 7
<211> 6
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 7

Tyr Glu Asn Pro Thr Tyr
1   5

<210> 8
<211> 5
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 8

Pro Pro Pro Pro Tyr
1   5

<210> 9
<211> 5
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 9

Pro Pro Pro Asn Tyr
1   5

<210> 10
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 10

Pro Pro Leu Pro
1

<210> 11
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<220>
<221> misc_feature
<222> (2)..(3)
<223> Xaa can be any naturally occurring amino acid

<400> 11

Pro Xaa Xaa Pro
1

<210> 12
<211> 8
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<220>
<221> misc_feature
<222> (3)..(4)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (6)..(7)
<223> Xaa can be any naturally occurring amino acid

<400> 12

Arg Lys Xaa Xaa Pro Xaa Xaa Pro
1   5

<210> 13
<211> 6
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<220>
<221> misc_feature
<222> (2)..(3)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa can be any naturally occurring amino acid

<400> 13

Pro Xaa Xaa Pro Xaa Arg
1   5

<210> 14
<211> 7
<212> PRT
<213> Artificial

<220>

<223> consensus sequence

<400> 14

Arg Pro Leu Pro Val Ala Pro
1   5

<210> 15
<211> 10
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 15

Pro Pro Pro Ala Leu Pro Pro Lys Lys Arg
1   5   10

<210> 16
<211> 8
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 16

Arg Lys Gly Asp Tyr Ala Ser Tyr
1   5

<210> 17
<211> 5
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<220>
<221> misc_feature

<222> (2)..(3)
<223> Xaa can be any naturally occurring amino acid

<400> 17

Trp Xaa Xaa Gln Phe
1   5

<210> 18
<211> 5
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 18

Ile Glu Ser Asp Val
1   5

<210> 19
<211> 5
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 19

Val Glu Thr Asp Val
1   5

<210> 20
<211> 7
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 20

Pro Pro Pro Pro Gly His Arg
1   5

<210> 21
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 21

Ala Lys Leu Tyr
1

<210> 22
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 22

Glu Glu Val Asp
1